

ABSTRACT OF THE DISCLOSURE

A unit for stabilizing a wavelength of a light, includes (a) a first light-receiver directly receiving a part of laser beams irradiated from a semiconductor laser, (b) a wavelength-filter directly receiving a part of the laser beams, and having a transmittance varying in accordance with a wavelength of the received laser beams, and (c) a second light-receiver receiving laser beams having passed through the wavelength-filter, wherein the first light-receiver has a first edge, and the second light-receiver has a second edge located in the vicinity of the first edge, and the first edge has a first linear portion and the second edge has a second linear portion extending in parallel with the first linear portion.